

**FINAL REVIEW WORKSHEET  
INTRODUCTORY ALGEBRA**

**Chapter 1.**

1. Change the following to an algebraic expression: a number multiplied by three hundred fifty-two

- (A)  $352 - x$  (B)  $352x$  (C)  $352 + x$  (D)  $\frac{352}{x}$

2. Change the following to an algebraic expression: a number increased by eleven

- (A)  $11x$  (B)  $11 - x$  (C)  $x + 11$  (D)  $\frac{11}{x}$

3. Evaluate  $(y - 1)^2$  for  $y = -6$ .

- (A)  $-7$  (B)  $49$  (C)  $25$  (D)  $-49$

4. Evaluate  $\frac{2x-3y}{3}$  for  $x = 6$  and  $y = -1$ .

- (A)  $3$  (B)  $-3$  (C)  $5$  (D)  $-5$

5. Use the commutative law of addition to write an expression equivalent to  $a + 2b$

- (A)  $a + b \cdot 2$  (B)  $2b + a$  (C)  $(a + b)2$  (D)  $2ab$

6. Use the associative law of multiplication to write an expression equivalent to  $(2s)t$

- (A)  $2s + 2t$  (B)  $(s2)t$  (C)  $t(2s)$  (D)  $2(st)$

7. Multiply:  $-7(b - 5)$

- (A)  $-7b + 35$  (B)  $7b + 35$  (C)  $-35b - 7$  (D)  $-7b - 5$